

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/020635

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04M3/22 H04L29/06 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/051518 A1 (BONDY WILLIAM MICHAEL ET AL) 2 May 2002 (2002-05-02) abstract figures 1-3,5,6 paragraphs '0009!, '0019!, '0021!, '0023!, '0024!, '0029!, '0030!, '0032!, '0039!, '0040!, '0049! - '0052!, '0058! - '0061!, '0070!, '0071!	1-20
A	EP 1 119 120 A2 (ALCATEL CANADA INC) 25 July 2001 (2001-07-25) abstract paragraphs '0025!, '0036!, '0037!, '0042! figures 2,3,5,7 ----- -/--	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

10/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 233 618 B1 (SHANNON STEVEN) 15 May 2001 (2001-05-15) abstract claims 1-10 -----	1-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002051518	A1	02-05-2002	US 2001052081 A1	13-12-2001
			US 2002009973 A1	24-01-2002
EP 1119120	A2	25-07-2001	NONE	
US 6233618	B1	15-05-2001	NONE	